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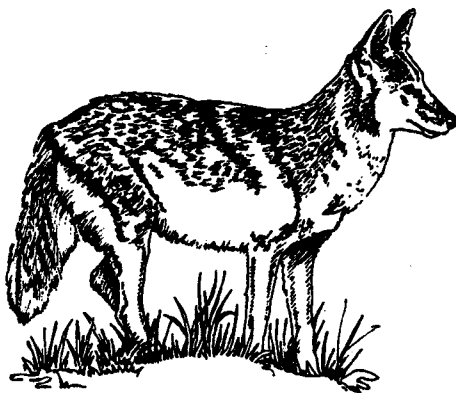
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ILLINOIS HUNTER HARVEST SURVEY, 1994-95

William L. Anderson, Linda K. Campbell, and Anne E. Zielske

FEDERAL AID IN WILDLIFE RESTORATION ACT
PROJECT NUMBER: W-112-R-4

JOB COMPLETION REPORT
WILDLIFE HARVEST AND HUNTER OPINION SURVEYS
STUDY 1
JOB NUMBER 2



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20 November 1995

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**JOB COMPLETION REPORT
SURVEYS AND INVESTIGATIONS PROJECT**

STATE OF ILLINOIS

PROJECT NUMBER: W-112-R

JOB NO. 1

OBJECTIVE

To collect information on the annual harvest of game species in Illinois and associated hunter characteristics.

ABSTRACT

From an estimated sale of 326,007 resident hunting, Sportsmen's (combination hunting/fishing), and senior hunting licenses, 5,252 potential hunters were selected to obtain information on hunting activities for 20 game hunting categories. A total of 3,597 responses (68% response rate) were utilized to project estimates of hunting effort and harvest. The distribution of harvest and hunting effort among the 10 wildlife management units and 5 administrative regions are presented. Increases in harvests in 1994 over harvests in 1993 were noted for rabbit, quail, crow, groundhog, gray squirrel, deer-long gun, deer-archery, raccoon, red fox, and gray fox. Decreases in harvests in 1994 when compared with 1993 were noted for pheasant, dove, gray partridge, woodcock, common snipe, rail, fox squirrel, deer-handgun, coyote, and opossum. Data for overlap between hunting license purchasers and habitat stamp purchasers, number of game species groups hunted, distribution of hunters by type (size) of community in which they reside, and types (private versus public) of areas hunted are also included.

PROCEDURES

Name-address cards were completed and mailed to the Department of Natural Resources (DNR) by license vendors or by purchasers of 1994 resident hunting licenses. A total of 3,411 legible cards were received. An additional 2,000 names-addresses were obtained by systematically sampling purchasers of the 1994 Illinois Habitat Stamp. The habitat stamp was required for most hunters who pursued any game species except waterfowl (ducks, geese, and coots). However, 87% of the waterfowl hunters purchase a habitat stamp in addition to an Illinois Migratory Waterfowl Stamp (Anderson and Williamson 1994).

An initial mailing (Figures 1-3) and a follow-up mailing to non-respondents (Figure 4) were made. Postage paid return envelopes were included with both mailings. Computer printed Cheshire labels were provided by the DNR's Data Processing Office. A commercial mailing service was utilized to attach the name-address labels to the questionnaire and to stuff and seal envelopes.

A computer program was utilized to transfer the data from the questionnaires to a computer file. Data were analyzed and a hard copy of the results obtained. Number of hunters, number of days afield, and mean kill per hunter were calculated by wildlife management unit (Figure 5) and administrative region (Figure 6). As demonstrated in the report for 1993 (Anderson et al. 1994), hunter activity and wildlife harvest data from license purchasers and from habitat stamp purchasers rarely differ.

Confidence intervals at the 95% level of significance were calculated for the number of hunters, average season bag, and total harvest. Formulas for these calculations were presented in Hubert (1977) and Anderson (1983). Information found in Cochran (1977) and Snedecor and Cochran (1967) were also utilized.

The formulas utilized were:

- a. Number of hunters for a species, a binomial:

$$\pm 2N \sqrt{\frac{pq}{n}}$$

Where N = total hunting license sales
 n = number of licensees in sample
 p = proportion of licensees in sample
 hunting a species
 q = 1 - p

- b. Mean season kill per hunter for a species:

$$\pm \frac{1.96 s}{\sqrt{n_1}}$$

Where s = standard deviation of mean kill per
 hunter
 n₁ = number of licensees in sample
 hunting a species

- c. Total harvest:

$$\pm 2N \times \frac{s}{\sqrt{n}} \times \frac{N-n_1}{N}$$

FINDINGS AND ANALYSIS

1994 Season

The 1994-95 hunting regulations for Illinois game species are presented in Table 1. Except for a change in the squirrel season, season lengths and bag limits were similar to those in 1993-94. In 1994, the squirrel season opened on 1 August statewide. In 1993 and previous years, the squirrel season began on 1 August in the South Zone and on 1 September in the North Zone. The line that separated the zones was route US-36 from the Indiana state line to Springfield, route IL-29 north to Pekin, and route IL-9 west to the Iowa state line.

Total sales of the 1994 series of resident hunting licenses was estimated at 326,007, which included 195,320 regular hunting licenses, 113,978 Sportsman's hunting/fishing licenses, and 16,709 senior citizen hunting licenses. This represents a 4.02% increase in license sale estimates from 1993. The costs of hunting licenses were the same in both years. However, new for 1994 was the senior citizen resident hunting license. This license was required for hunters ≥ 65 years of age, and cost \$3.50 plus \$0.50 vendors fee. If the senior citizen license is disregarded, license sales decreased 1.31% from 1993 to 1994. License sales decreased 1.22% from 1992 to 1993.

1994 Hunter Harvest

Four name-address cards were inserted in the 1994 hunting license books which contained 50 licenses. A card was positioned in front of the 1st, 3rd, 5th, and 7th license of each book. A total of 3,411 usable name-address cards were received from license vendors or buyers by 5 February 1995. An additional 2,000 names and addresses, obtained by systematically sampling purchasers of the 1994 Illinois Habitat Stamp, increased the mailing list to 5,411. Mailing lists for the 1989-1993 hunter harvest surveys ranged from 4,203 to 5,103 names-addresses.

The initial questionnaire mailing was on 24 February 1995, which was followed by another mailing to non-respondents on 13 April. A total of 159 (2.94%) questionnaires were not delivered by the U.S. Postal Service. From the 5,252 delivered questionnaires, 3,597 were returned for a response rate of 68.5%. The return rate for the license purchasers was 69.4% (2,295 returned from 3,308 delivered). The return rate for the habitat stamp purchasers was 67.0% (1,302 returned from 1,944 delivered).

The 1994 hunter harvest survey included all game species

legally hunted in Illinois except turkey, ducks, geese, and coot. The proportion of persons who purchased a 1994 hunting license but did not hunt any survey game was 12.4%, compared with 10.0% to 13.4% in 1989-1993. The proportion of habitat stamp purchasers who did not hunt was 6.1%.

Based on data for hunting license purchasers, the number of licensed, active, resident hunters in 1994 was estimated to be $285,582 \pm 3,583$ (95% confidence interval). Conversely, the number of non-hunting license buyers was estimated at 40,425. Some of the non-hunting respondents undoubtedly hunted at fee hunting areas.

[In the report for 1993 (Anderson et al. 1994), it was erroneously stated that 8.6% of the hunting license purchasers did not hunt and that there was an estimated $286,385 \pm 3,086$ licensed, active, resident hunters in Illinois. The corrected values for 1993 are 10.0% did not hunt and $282,060 \pm 3,298$ active hunters. Also, 6.4% of the 1993 habitat stamp purchasers did not hunt.]

Estimates of the number of hunters, total harvest, average daily and seasonal bags, and average and total days afield for the 20 game hunting categories are presented in Table 2. Total squirrel (fox and gray combined) hunters was estimated to be 119,636. Confidence intervals at the 95% level of significance for the estimated number of hunters, mean season kill per hunter, and total harvest are presented in Table 3.

Summaries of estimated hunting effort and success for the various game hunting categories in the 10 wildlife management units are presented in Tables 4-23. Percentage changes in harvest from 1993 to 1994 in the wildlife management units for selected species are presented in Table 24.

Summaries of estimated hunting effort and success among the 5 administrative regions are presented in Tables 25-44. Percentage changes in harvest from 1993 to 1994 in the administrative regions for selected species are presented in Table 45.

The distribution of hunting effort (percent of days afield) and success (percent of harvest) for the 20 game hunting categories are presented in Table 46. Days afield ranged from 0.00 (rail) to 22.36 (deer-archery); the arithmetic average for the 20 game hunting categories was 7.16 days. Average season bag ranged from 0.00 (rail) to 18.82 (dove). The results of all hunting activities for the 20 species from 1984-1994 are shown in Table 47. Percentage changes in statewide harvest estimates for the previous 1-, 5-, and 10-year intervals compared with 1994 are shown in Table 48.

The 1994 hunter harvest survey revealed that among upland game species increases in harvest occurred for rabbit (1%), quail (11%), crow (13%), and groundhog (16%). Decreases were noted for pheasant (-4%), dove (-14%), gray partridge (-75%), woodcock (-6%), common snipe (-15%), and rail (-100%).

Survey respondents reported increases in harvests for deer-long gun (5%) and deer-archery (3%). The estimated deer-handgun harvest decreased (-45%). Gray squirrel harvest increased (22%), while fox squirrel harvest decreased (-2%).

The raccoon harvest was high and increased (12%) from 1993 to 1994. The red fox (65%) and gray fox (33%) harvests increased, while the coyote (-9%) and opossum (-7%) harvests decreased.

Related Issues

An estimated 89.2% of the resident hunting (including Sportsman's and senior citizens) license purchasers also purchased an Illinois Habitat Stamp (Table 49). Conversely, an estimated 95.7% of the residents who purchased a habitat stamp also purchased a hunting license. A total of 284,409 habitat stamps were sold for the 1994 season, of which an estimated 277,868 (97.7%) went to residents and 6,541 (2.3%) went to non-residents (Zielske 1995). In comparison, 270,632 habitat stamps were sold in 1993, which included 261,894 (96.8%) to residents and 8,738 (3.2%) to non-residents (Anderson et al 1994).

The stub that is attached to the habitat stamp is designed to capture the purchaser's name and address, plus the game species groups he/she hunted the previous year. Eleven game species groups were listed on the 1994 stub: rabbit, quail, pheasant, doves, partridge, woodcock, crow, groundhog, squirrels, deer, and furbearers. About 2% of the stubs have all 11 groups checked (Zielske 1995). To find out whether some hunters actually do pursue all 11 groups or vendors simply short-cut in filling out stubs, participants in the present hunter harvest survey were sorted relative to number of game species groups hunted. In the sample of 3,233 active hunters, none reported hunting all 11 game species groups and, in fact, they rarely (2%) pursued >6 groups (Table 50). Clearly, some vendors erroneously check all game species groups as a matter of convenience--and at the expense of accuracy--when selling habitat stamps.

The questionnaire used for the 1994-95 hunter harvest survey contained questions about the type (size) of community in which respondents resided and the types (private versus public) of areas on which they pursued game species. The

vast majority (83%) of the active hunters lived in small towns or rural environments (Table 51). Only 17% of the hunters resided in urban or metropolitan areas. The percentage of hunters who resided in urban or metropolitan areas was much higher in Administrative Region 2 than in the other Administrative Regions. Virtually no hunters in Administrative Region 5 resided in larger communities. It was also disclosed that almost all (90%) of the hunters pursued game wholly or partially on private lands (Table 52). Hunters were more apt to hunt ducks (45%) and geese (39%) wholly or partially on public lands than other game species. The percentage of hunters who utilized public areas was higher for residents of Administrative Region 2 than for residents of the other Administrative Regions (Table 53).

The percentage of hunters who pursued game species on public lands was directly proportional to the size (number of residents) of the community in which they resided (Tables 52 and 53). This relationship was evident in most Administrative Regions and for most game species. Nevertheless, the vast majority of urban (84%) and metropolitan (80%) residents still hunted wholly or partially on private land.

RECOMMENDATIONS

Mail surveys designed to monitor hunting effort and success in Illinois, and to provide indicators of annual trends in hunter interest for game animals, should be continued. Such surveys are essential to generate supply-demand data for the various species addressed in the wildlife portion of the Comprehensive Fish and Wildlife Plan for Illinois.

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DATA AND REPORTS

Original data included in this report are on file in the Investigations and Surveys Program offices, NRSA, 607 E. Peabody, Champaign, Illinois 61820.

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APPROVED BY

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^a WMU = Wildlife Management Unit

^b AR = Administrative Region

ILLINOIS DEPARTMENT OF CONSERVATION
DIVISION OF WILDLIFE RESOURCES
HUNTER HARVEST SURVEY --- 1994-95 SEASON

INSTRUCTIONS:

Please fill out the attached questionnaire for last hunting season (February 1994 - January 1995).

- Only include the game taken and days hunted IN ILLINOIS.
- If you bought a hunting license, but did not hunt any of the game species listed, answer the question at the top of the page and the questions on the back, and return the questionnaire in the postage-paid envelope provided. Your response is just as important as someone who may have hunted every day.
- List only your retrieved kill, not those hit and assumed dead, but not found.
- Do NOT list any upland game killed or days hunted on licensed shooting preserves or controlled hunting areas.
- Fill in the number of days on which you hunted each kind of game listed, including unsuccessful days. If you hunted more than one kind of game on a particular day, count it as one day for EACH kind of game you hunted.
- If you can not remember exact figures, please give your best estimates.
- Fill in only the blanks that apply to you. Leave other blanks unmarked.

Your comments are welcome, but please write them on separate paper to receive prompt attention.

THANK YOU FOR YOUR COOPERATION!

Postage-Paid, Return Envelope is Provided

The Department of Conservation is requesting disclosure of information that is necessary to accomplish the statutory purpose as outlined under the Illinois Revised Statutes, The Wildlife Code, Chapter 61. Disclosure of this information is voluntary.

Figure 1. Instructions for filling out and returning the questionnaire used for the 1994-95 hunter harvest survey.

<---- Detach at perforation, place into enclosed postage-paid envelope, and mail.

1994-95 ILLINOIS HUNTER HARVEST SURVEY

DID YOU HUNT ANY OF THE KINDS OF GAME LISTED BELOW LAST SEASON (Feb. 1994 - Jan. 1995)?

YES _____ NO _____

Fill in all 3 blanks for each kind of game you hunted. Leave other blanks unmarked.

Game Species	Number killed during season	County where you hunted most for each kind of game.	Number of days hunted
UPLAND WILDLIFE			
Rabbits.....	_____	_____	_____
Quail.....	_____	_____	_____
Pheasants.....	_____	_____	_____
Doves.....	_____	_____	_____
Gray (Hungarian) Partridge..	_____	_____	_____
Woodcock.....	_____	_____	_____
Snipe.....	_____	_____	_____
Rails.....	_____	_____	_____
Crows.....	_____	_____	_____
Groundhog (Woodchuck).....	_____	_____	_____
FOREST WILDLIFE			
Fox Squirrels.....	_____	_____	_____
Gray Squirrels.....	_____	_____	_____
Deer-Long gun*	_____	_____	_____
Deer-Handgun.....	_____	_____	_____
Deer-Archery.....	_____	_____	_____
FURBEARERS (Hunted only - <u>not</u> trapped)			
Raccoons.....	_____	_____	_____
Red Fox.....	_____	_____	_____
Gray Fox.....	_____	_____	_____
Coyotes.....	_____	_____	_____
Opossums.....	_____	_____	_____

*Shotgun with slug or muzzleloading rifle.

(continued on following page)

<---- Detach at perforation, place into enclosed postage-paid envelope, and mail.

Figure 2. The questionnaire used for the 1994-95 hunter harvest survey.

Figure 2 - continued.

ADDITIONAL INFORMATION

The Department of Conservation would like to have information about some subjects that may influence your hunting activities in Illinois. Please take an extra minute to answer the following questions.

1. Did you purchase an Illinois resident hunting (or Sportsmen's combination hunting and fishing) license for the 1994 season? (circle number for appropriate answer)

Yes.....1

No.....2

2. Did you purchase an Illinois Habitat Stamp for the 1994 season? (circle number for appropriate answer)

Yes.....1

No.....2

3. In what type of community do you now live? (circle number for appropriate answer)

*Rural (country, farm, town of less than 500 residents).....1

*Small town (500 to 20,000 residents).....2

*Urban (20,000 to 100,000 residents).....3

*Metropolitan (more than 100,000 residents).....4

4. Did you hunt mostly on private areas, mostly on public areas, or split your time about evenly between private and public areas, in Illinois during the 1994 season? (circle number for appropriate answer for each species or species group you hunted)

Mostly
private
areas

Mostly
public
areas

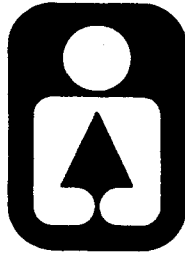
Split time evenly
between private
and public areas

Rabbits.....	1.....	2.....	3.....
Quail.....	1.....	2.....	3.....
Pheasants.....	1.....	2.....	3.....
Doves.....	1.....	2.....	3.....
Squirrels.....	1.....	2.....	3.....
Deer.....	1.....	2.....	3.....
Turkeys.....	1.....	2.....	3.....
Ducks.....	1.....	2.....	3.....
Geese.....	1.....	2.....	3.....
Raccoon and Opossum.....	1.....	2.....	3.....
Coyotes and Foxes.....	1.....	2.....	3.....

Thank you for your cooperation
RETURN ENVELOPE IS PROVIDED - POSTAGE IS PREPAID

The Illinois Department of Conservation receives federal assistance and therefore must comply with the federal anti-discrimination laws. In compliance with the Illinois Human Rights Act, the Illinois Constitution, Title VI of the 1964 Civil Rights Act, Section 504 of the Rehabilitation Act of 1973 as amended, and the U.S. Constitution, the Illinois Department of Conservation does not discriminate on the basis of race, color, sex, national origin, age, or disability. If you believe you have been discriminated against in any program, activity, or facility, please contact the Equal Employment Opportunity Officer, Department of Conservation, 524 S. Second St., Springfield, IL 62701-1787, (217) 782-7616 or the Office of Human Resources, U.S. Fish & Wildlife Service, Washington, D.C. 20240.

Illinois



Department of Conservation

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CHICAGO OFFICE • ROOM 4-300 • 100 WEST RANDOLPH 60601

Dear Fellow Sportsman:

You are one of a select group of Illinois hunters asked to provide information about your hunting activities during the past hunting season, February 1994 - January 1995.

The information you and other selected hunters supply to our biologists is vital for proper game management within the state for: safeguarding game populations, maximizing hunting opportunities, and maintaining attractive levels of hunter success. The information allows us to better understand the welfare of various game populations and the hunting recreation they provide, including distribution of total harvests, numbers of hunters, and hunting success.

Only a limited number of hunters can be contacted, thus your reply is **VERY** important, even if you did not hunt or were not successful. Please take a few minutes to fill out the parts of the enclosed questionnaire that apply to you. If you do not remember exact figures, please give your best estimates. Return the completed questionnaire in the envelope provided - postage is prepaid.

Thank you for your time and assistance.

Sincerely,

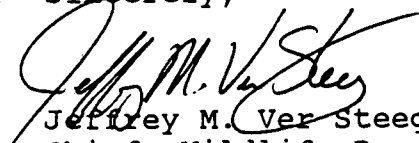

 Jeffrey M. Ver Steeg
 Chief, Wildlife Resources
JMV:WLA
Enclosure
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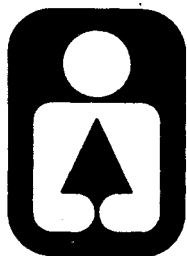
Figure 3. The letter that accompanied the initial mailing of the questionnaire used for the 1994-95 hunter harvest survey.

Brent Manning
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Illinois



Department of Conservation

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CHICAGO OFFICE • ROOM 4-300 • 100 WEST RANDOLPH 60601

Dear Fellow Sportsman:

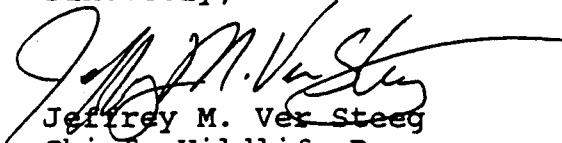
Recently, we mailed you a "Hunting Questionnaire" and requested that you fill out and return the completed form. We have not received your form at this time. Perhaps you have misplaced the questionnaire or have not found time to complete it and return it to us.

We are providing another questionnaire which we hope you will complete and return as soon as possible. If you have already returned the first questionnaire, please throw this one away. The information supplied by you and other hunters being sampled will be of great value to the Conservation Department in better directing the management of Illinois' game resources.

Only a limited number of hunters have been contacted to provide information, thus your reply is **VERY important, even if you did not hunt or were not successful**. Please take just a minute and fill out the parts of the enclosed questionnaire that apply to you. Return the completed questionnaire in the **envelope provided - postage is prepaid**. Your prompt attention will be greatly appreciated.

Thank you for your time and assistance.

Sincerely,


Jeffrey M. Ver Steeg
Chief, Wildlife Resources

JMV:WLA
Enclosure

Figure 4. The letter that accompanied the follow-up mailing (to non-respondents) of the questionnaire used for the 1994-95 hunter harvest survey.

Figure 5. Wildlife management units in Illinois (square miles in parentheses).

Figure 6. Administrative regions in Illinois.

Table 1: Illinois hunting seasons for resident and migratory wildlife species excluding turkey and waterfowl, 1994-95.

<u>SPECIES</u>	<u>ZONE</u>	<u>DURATION</u>	<u>BAG LIMIT DAILY</u>	<u>BAG LIMIT POSSESSION</u>
<u>Upland Wildlife</u>				
Rabbit	North	Nov. 5-Jan. 4	4	10
	South	Nov. 5-Jan. 8	4	10
Quail	North	Nov. 5-Jan. 4	8	20
	South	Nov. 5-Jan. 8	8	20
Pheasant	North	Nov. 5-Jan. 4	2	6
	South	Nov. 5-Jan. 8	2	6
Gray Partridge	North	Nov. 5-Jan. 4	2	6
	South	Nov. 5-Jan. 8	2	6
Woodchuck	Statewide	June 1-March 31*	None	None
<u>Migratory Wildlife</u>				
Dove	Statewide	Sept. 1-Oct. 30	15	30
Woodcock	Statewide	Oct. 1-Dec. 4	5	10
Snipe	Statewide	Sept. 10-Dec. 25	8	16
Rail	Statewide	Sept. 10-Nov. 18	25	25
Crow	Statewide	July 1-Aug. 15 & Dec. 15 - March 1	None	None
<u>Forest Wildlife</u>				
Squirrels	Statewide	Aug. 1-Dec. 31*	5	10
Deer (Long gun)	Statewide	Nov. 18-20 & Dec. 1-4	1 per permit	
Deer (M Only)	Statewide	Dec. 9-11 & Dec. 1-4	1 per permit	
Deer (H Only)	Selected Counties	Jan. 13-15	1 per permit	
Deer (A)	Statewide	Oct. 1-Jan. 12*	1 per permit	
<u>Furbearers</u>				
Raccoon	North	Nov. 5-Jan. 20*	None	None
	South	Nov. 15-Jan. 30*	None	None
Opossum	North	Nov. 5-Jan. 20*	None	None
	South	Nov. 15-Jan. 30*	None	None
Fox	Statewide	Nov. 15-Jan. 31*	None	None
Coyote	Statewide	Year-Round*	None	None

* Closed during deer firearm (long gun) season except in Kane, DuPage, Cook, & Lake Counties. However, hunters with an unused firearms deer permit may harvest coyotes during the firearms deer seasons.

Table 2. Summary of Statewide Data from the 1994 Hunter Harvest Survey (n=3,597).

Species	Total Estimated Hunters	Percent of License Sales	Average Bag Daily	Season	Total Estimated Harvest	Days Afield Average	Total
Rabbit	141,659	43.45%	1.06	6.25	884,850	5.92	838,808
Quail	75,407	23.13%	1.61	11.19	843,974	6.94	523,677
Pheasant	89,727	27.52%	0.54	3.27	293,560	6.05	542,439
Dove	68,700	21.07%	3.95	18.82	1,293,242	4.77	327,729
Gray Partridge	816	0.25%	0.06	0.44	363	7.78	6,344
Woodcock	2,810	0.86%	0.38	2.68	7,523	7.00	19,667
Common Snipe	272	0.08%	6.75	9.00	2,447	1.33	363
Rail	0	0.00%	0.00	0.00	0	0.00	0
Crow	9,879	3.03%	1.50	9.15	90,361	6.11	60,362
Groundhog	9,788	3.00%	0.52	3.30	32,265	6.36	62,265
Fox Squirrel	108,760	33.36%	1.38	7.56	821,769	5.48	595,821
Gray Squirrel	75,950	23.30%	1.57	8.89	675,488	5.65	429,329
Deer-Long gun*	181,719	55.74%	0.17	0.74	133,593	4.39	797,480
Deer-Handgun	12,054	3.70%	0.06	0.16	1,903	2.48	29,909
Deer-Archery	83,292	25.55%	0.02	0.48	40,241	22.36	1,862,599
Raccoon	22,749	6.98%	1.14	14.12	321,113	12.42	282,503
Red Fox	6,979	2.14%	0.14	1.30	9,063	9.10	63,534
Gray Fox	2,991	0.92%	0.08	0.73	2,175	8.91	26,646
Coyote	38,066	11.68%	0.23	2.43	92,536	10.80	411,021
Opossum	4,985	1.53%	0.33	3.05	15,226	9.38	46,767

*Shotgun with slug or muzzleloading rifle.

Table 3. Estimated Number (\pm 95% confidence interval) of Resident Licensed Hunters and Harvest in Illinois, 1994 (n=3,597).

Species	Total Estimated Hunters	Estimated Average Season Bag	Total Estimated Harvest
Rabbit	141,659 \pm 5,389	6.25 \pm 0.28	884,850 \pm 60,696
Quail	75,407 \pm 4,584	11.19 \pm 0.86	843,974 \pm 136,522
Pheasant	89,727 \pm 4,856	3.27 \pm 0.20	293,560 \pm 34,683
Dove	68,700 \pm 4,434	18.82 \pm 1.15	1,293,242 \pm 175,708
Gray Partridge	816 \pm 543	0.44 \pm 1.14	363 \pm 19,024
Woodcock	2,810 \pm 1,005	2.68 \pm 0.81	7,523 \pm 24,893
Common Snipe	272 \pm 314	9.00 \pm 12.07	2,447 \pm 115,997
Rail	0 \pm 0	0.00 \pm 0.00	0 \pm 0
Crow	9,879 \pm 1,064	9.15 \pm 2.03	90,361 \pm 117,698
Groundhog	9,708 \pm 1,855	3.30 \pm 0.55	32,265 \pm 31,625
Fox Squirrel	100,760 \pm 5,126	7.56 \pm 0.34	821,769 \pm 64,555
Gray Squirrel	75,950 \pm 4,596	8.89 \pm 0.52	675,488 \pm 83,712
Deer-Long gun*	181,719 \pm 5,400	0.74 \pm 0.03	133,593 \pm 6,699
Deer-Handgun	12,054 \pm 2,051	0.16 \pm 0.05	1,903 \pm 2,934
Deer-Archery	83,292 \pm 4,741	0.48 \pm 0.04	40,241 \pm 6,830
Raccoon	22,749 \pm 2,770	14.12 \pm 1.71	321,113 \pm 150,345
Red Fox	6,979 \pm 1,573	1.30 \pm 0.33	9,063 \pm 15,869
Gray Fox	2,991 \pm 1,037	0.73 \pm 0.38	2,175 \pm 11,957
Coyote	38,066 \pm 3,491	2.43 \pm 0.26	92,536 \pm 29,966
Opossum	4,985 \pm 1,334	3.05 \pm 0.62	15,226 \pm 25,326

*Shotgun with slug or muzzleloading rifle.

Table 4: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Rabbit (1563)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	11,420	8.06	1.10	6.46	73,775	66,797
Northeast Moraine	3,535	2.50	0.47	3.49	12,326	26,284
Mississippi Border-North	7,432	5.25	1.33	6.35	47,220	35,528
Mississippi Border-South	21,027	14.84	1.29	6.22	130,693	101,690
Western Prairie/Forest	15,136	10.68	1.06	5.93	89,817	84,561
Central Sand Prairie	3,716	2.62	1.17	6.27	23,293	19,939
Grand Prairie	42,598	30.07	0.72	4.94	210,269	290,297
Southern Plain	24,924	17.59	1.57	8.48	211,356	134,862
Wabash Border	7,523	5.31	1.11	6.75	50,754	45,679
Shawnee Hills	4,350	3.07	1.07	8.13	35,347	33,172
Unknown	0	0.00	0.00	0.00	0	0

Table 5: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Quail (832)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	2,085	2.76	0.23	1.83	3,807	16,586
Northeast Moraine	1,450	1.92	1.81	6.69	9,698	5,347
Mississippi Border-North	6,072	8.05	1.50	7.97	48,398	32,356
Mississippi Border-South	11,782	15.63	1.81	10.27	120,995	66,706
Western Prairie/Forest	10,242	13.58	1.44	10.74	110,028	76,222
Central Sand Prairie	2,719	3.61	1.97	12.10	32,900	16,676
Grand Prairie	14,501	19.23	0.55	4.00	58,005	106,313
Southern Plain	18,489	24.52	2.16	16.53	305,705	141,387
Wabash Border	5,347	7.09	2.31	17.64	94,349	40,785
Shawnee Hills	2,719	3.61	2.82	22.10	60,090	21,299
Unknown	0	0.00	0.00	0.00	0	0

Table 6: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Pheasant (990)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	9,698	5.40	0.53	3.38	32,809	62,265
Northeast Moraine	6,707	3.74	0.66	3.73	25,015	37,885
Mississippi Border-North	4,350	2.42	0.51	2.75	11,964	23,383
Mississippi Border-South	91	0.05	0.00	0.00	0	181
Western Prairie/Forest	5,801	3.23	0.50	3.28	19,033	38,156
Central Sand Prairie	3,897	2.17	0.74	3.88	15,136	20,574
Grand Prairie	55,014	30.66	0.53	3.21	176,372	335,523
Southern Plain	4,169	2.32	0.54	3.17	13,232	24,471
Wabash Border	0	0.00	0.00	0.00	0	0
Shawnee Hills	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 7: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Dove (758)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	2,085	3.03	3.05	9.83	20,483	6,707
Northeast Moraine	2,356	3.43	3.27	16.23	38,247	11,692
Mississippi Border-North	4,350	6.33	2.91	10.56	45,951	15,770
Mississippi Border-South	11,420	16.62	4.68	21.37	244,075	52,205
Western Prairie/Forest	6,435	9.37	3.93	17.38	111,841	28,459
Central Sand Prairie	2,991	4.35	4.50	20.30	60,724	13,504
Grand Prairie	19,758	28.76	2.99	15.23	300,992	100,693
Southern Plain	13,414	19.53	5.28	26.12	350,387	66,343
Wabash Border	3,172	4.62	3.79	22.71	72,053	19,033
Shawnee Hills	2,719	3.96	3.64	17.83	48,489	13,323
Unknown	0	0.00	0.00	0.00	0	0

Table 8: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Gray Partridge (9)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	453	27.78	0.03	0.20	91	3,444
Northeast Moraine	272	16.67	0.11	1.00	272	2,447
Mississippi Border-North	0	0.00	0.00	0.00	0	0
Mississippi Border-South	0	0.00	0.00	0.00	0	0
Western Prairie/Forest	0	0.00	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	91	5.56	0.00	0.00	0	453
Southern Plain	0	0.00	0.00	0.00	0	0
Wabash Border	0	0.00	0.00	0.00	0	0
Shawnee Hills	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 9: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Woodcock (31)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Average Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	91	3.23	0.00	0.00	0	91
Northeast Moraine	0	0.00	0.00	0.00	0	0
Mississippi Border-North	0	0.00	0.00	0.00	0	0
Mississippi Border-South	272	9.68	0.61	3.67	997	1,631
Western Prairie/Forest	272	9.68	0.14	2.00	544	3,897
Central Sand Prairie	181	6.45	2.00	2.00	363	181
Grand Prairie	816	29.03	0.24	1.33	1,088	4,441
Southern Plain	816	29.03	0.47	4.89	3,988	8,520
Wabash Border	91	3.23	0.33	2.00	181	544
Shawnee Hills	272	9.68	1.00	1.33	363	363
Unknown	0	0.00	0.00	0.00	0	0

Table 10: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Snipe (3)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	0	0.00	0.00	0.00	0	0
Northeast Moraine	0	0.00	0.00	0.00	0	0
Mississippi Border-North	0	0.00	0.00	0.00	0	0
Mississippi Border-South	91	33.33	2.00	2.00	181	91
Western Prairie/Forest	0	0.00	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	0	0.00	0.00	0.00	0	0
Southern Plain	0	0.00	0.00	0.00	0	0
Wabash Border	91	33.33	12.50	25.00	2,266	181
Shawnee Hills	91	33.33	0.00	0.00	0	91
Unknown	0	0.00	0.00	0.00	0	0

Table 11: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Rail (0)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	0	0.00	0.00	0	0
Northeast Moraine	0	0.00	0.00	0	0
Mississippi Border-North	0	0.00	0.00	0	0
Mississippi Border-South	0	0.00	0.00	0	0
Western Prairie/Forest	0	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0	0
Grand Prairie	0	0.00	0.00	0	0
Southern Plain	0	0.00	0.00	0	0
Wabash Border	0	0.00	0.00	0	0
Shawnee Hills	0	0.00	0.00	0	0
Unknown	0	0.00	0.00	0	0

Table 12: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Crow (109)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Daily Average	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	544	5.50	2.59	7.33	3,988	1,541
Northeast Moraine	816	8.26	4.53	20.11	16,405	3,625
Mississippi Border-North	816	8.26	0.68	2.78	2,266	3,353
Mississippi Border-South	1,359	13.76	1.48	6.00	8,157	5,529
Western Prairie/Forest	1,269	12.84	0.39	4.79	6,072	15,408
Central Sand Prairie	272	2.75	9.25	24.67	6,707	725
Grand Prairie	3,263	33.03	1.63	12.03	39,244	24,108
Southern Plain	997	10.09	1.43	5.73	5,710	3,988
Wabash Border	91	0.92	4.00	8.00	725	181
Shawnee Hills	453	4.59	0.57	2.40	1,088	1,903
Unknown	0	0.00	0.00	0.00	0	0

Table 13: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Groundhog (108)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	725	7.41	0.86	2.25	1,631	1,903
Northeast Moraine	363	3.70	1.44	5.75	2,085	1,450
Mississippi Border-North	634	6.48	0.65	6.29	3,988	6,163
Mississippi Border-South	997	10.19	0.71	2.73	2,719	3,807
Western Prairie/Forest	363	3.70	0.32	1.75	634	1,994
Central Sand Prairie	91	0.93	1.17	7.00	634	544
Grand Prairie	4,622	47.22	0.35	2.92	13,504	38,700
Southern Plain	1,450	14.81	0.84	3.81	5,529	6,616
Wabash Border	181	1.85	1.00	2.00	363	363
Shawnee Hills	363	3.70	1.63	3.25	1,178	725
Unknown	0	0.00	0.00	0.00	0	0

Table 14: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Fox Squirrel (1200)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	6,797	6.25	1.26	5.51	37,431	29,818
Northeast Moraine	453	0.42	0.83	4.80	2,175	2,628
Mississippi Border-North	7,069	6.50	1.47	8.13	57,461	39,063
Mississippi Border-South	20,846	19.17	1.57	8.27	172,475	109,757
Western Prairie/Forest	14,229	13.08	1.44	7.36	104,772	72,869
Central Sand Prairie	3,535	3.25	1.27	8.00	28,277	22,296
Grand Prairie	25,740	23.67	1.16	6.78	174,469	149,907
Southern Plain	17,492	16.08	1.39	8.32	145,557	104,500
Wabash Border	6,072	5.58	1.80	10.72	65,074	36,253
Shawnee Hills	6,526	6.00	1.19	5.22	34,078	28,731
Unknown	0	0.00	0.00	0.00	0	0

Table 15: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Gray Squirrel (838)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	4,622	6.09	1.01	4.53	20,936	20,755
Northeast Moraine	906	1.19	1.48	7.70	6,979	4,713
Mississippi Border-North	3,444	4.53	1.55	10.13	34,894	22,477
Mississippi Border-South	18,670	24.58	1.68	9.69	180,994	107,672
Western Prairie/Forest	6,163	8.11	1.33	5.04	31,087	23,293
Central Sand Prairie	1,359	1.79	1.00	4.00	5,438	5,438
Grand Prairie	10,242	13.48	1.02	5.30	54,289	53,383
Southern Plain	17,764	23.39	1.81	11.30	200,752	110,844
Wabash Border	5,347	7.04	1.53	9.49	50,754	33,172
Shawnee Hills	7,432	9.79	1.88	12.02	89,364	47,582
Unknown	0	0.00	0.00	0.00	0	0

Table 16: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Deer-Long gun (2005)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	14,954	8.23	0.17	12,507	73,231
Northeast Moraine	1,450	0.80	0.15	906	6,072
Mississippi Border-North	13,504	7.43	0.15	9,516	64,078
Mississippi Border-South	26,918	14.81	0.18	21,117	115,829
Western Prairie/Forest	19,577	10.77	0.17	14,954	89,183
Central Sand Prairie	2,991	1.65	0.20	2,447	12,326
Grand Prairie	36,888	20.30	0.15	25,105	165,224
Southern Plain	29,728	16.36	0.17	21,299	123,714
Wabash Border	8,248	4.54	0.19	6,888	35,619
Shawnee Hills	16,948	9.33	0.17	12,054	70,331
Unknown	10,513	5.79	0.16	6,797	41,872

Table 17: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Deer-Handgun (133)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Daily Average Bag	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	2,447	20.30	0.04	0.11	272	6,254
Northeast Moraine	0	0.00	0.00	0.00	0	0
Mississippi Border-North	816	6.77	0.10	0.22	181	1,903
Mississippi Border-South	2,085	17.29	0.09	0.22	453	4,894
Western Prairie/Forest	634	5.26	0.06	0.14	91	1,541
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	634	5.26	0.05	0.14	91	1,903
Southern Plain	2,356	19.55	0.04	0.12	272	6,072
Wabash Border	816	6.77	0.13	0.33	272	2,085
Shawnee Hills	1,722	14.29	0.08	0.16	272	3,444
Unknown	544	4.51	0.00	0.00	0	1,813

Table 18: Summary of 1994 Hunting Effort and Success in Wildlife Management Units
in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Deer-Archery (919)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	5,982	7.18	0.02	0.50	2,991	126,433
Northeast Moraine	3,897	4.68	0.02	0.53	2,085	86,101
Mississippi Border-North	5,438	6.53	0.02	0.37	1,994	106,675
Mississippi Border-South	11,601	13.93	0.02	0.46	5,347	215,797
Western Prairie/Forest	8,882	10.66	0.02	0.46	4,078	191,779
Central Sand Prairie	1,359	1.63	0.02	0.27	363	23,293
Grand Prairie	23,202	27.86	0.02	0.48	11,238	553,586
Southern Plain	11,329	13.60	0.02	0.55	6,254	285,585
Wabash Border	3,082	3.70	0.04	0.88	2,719	76,766
Shawnee Hills	4,622	5.55	0.02	0.45	2,085	106,222
Unknown	3,897	4.68	0.01	0.28	1,088	90,361

Table 19: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Raccoon (251)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	2,447	10.76	1.65	15.44	37,794	22,930
Northeast Moraine	272	1.20	0.58	6.33	1,722	2,991
Mississippi Border-North	1,813	7.97	1.40	11.25	20,392	14,592
Mississippi Border-South	3,535	15.54	1.21	15.77	55,739	46,042
Western Prairie/Forest	2,538	11.16	0.84	11.25	28,549	33,987
Central Sand Prairie	544	2.39	0.93	6.67	3,625	3,897
Grand Prairie	5,982	26.29	1.19	12.98	77,672	65,437
Southern Plain	3,263	14.34	1.11	18.92	61,721	55,739
Wabash Border	906	3.98	1.24	20.20	18,308	14,773
Shawnee Hills	1,450	6.37	0.70	10.75	15,589	22,114
Unknown	0	0.00	0.00	0.00	0	0

Table 20: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Red Fox (77)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	1,541	22.08	0.16	1.41	2,175	13,414
Northeast Moraine	272	3.90	0.00	0.00	0	3,807
Mississippi Border-North	181	2.60	0.12	1.00	181	1,541
Mississippi Border-South	725	10.39	0.08	1.13	816	10,332
Western Prairie/Forest	544	7.79	0.42	2.33	1,269	2,991
Central Sand Prairie	91	1.30	0.00	0.00	0	1,813
Grand Prairie	2,538	36.36	0.17	1.25	3,172	18,942
Southern Plain	725	10.39	0.47	1.75	1,269	2,719
Wabash Border	181	2.60	0.08	1.00	181	2,266
Shawnee Hills	181	2.60	0.00	0.00	0	5,710
Unknown	0	0.00	0.00	0.00	0	0

Table 21: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Gray Fox (33)

Wildlife Management Units	Estimated Number of Hunters.	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	453	15.15	0.00	0.00	0	1,813
Northeast Moraine	181	6.06	0.00	0.00	0	1,994
Mississippi Border-North	181	6.06	0.09	0.50	91	997
Mississippi Border-South	181	6.06	0.04	0.50	91	2,175
Western Prairie/Forest	0	0.00	0.00	0.00	0	0
Central Sand Prairie	0	0.00	0.00	0.00	0	0
Grand Prairie	1,088	36.36	0.04	0.33	363	10,242
Southern Plain	363	12.12	0.20	0.75	272	1,359
Wabash Border	272	9.09	0.63	5.00	1,359	2,175
Shawnee Hills	272	9.09	0.00	0.00	0	5,891
Unknown	0	0.00	0.00	0.00	0	0

Table 22: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Coyote (420)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Daily Average Bag	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	3,625	9.52	0.33	3.73	13,504	40,694
Northeast Moraine	725	1.90	0.09	1.00	725	8,338
Mississippi Border-North	3,082	8.10	0.12	2.32	7,160	60,180
Mississippi Border-South	4,532	11.90	0.26	3.34	15,136	59,093
Western Prairie/Forest	4,894	12.86	0.21	1.91	9,335	43,957
Central Sand Prairie	997	2.62	0.12	1.18	1,178	10,242
Grand Prairie	11,510	30.24	0.22	2.08	23,927	107,491
Southern Plain	5,529	14.52	0.22	2.34	12,961	58,730
Wabash Border	1,903	5.00	0.38	3.00	5,710	15,136
Shawnee Hills	1,269	3.33	0.41	2.29	2,900	7,160
Unknown	0	0.00	0.00	0.00	0	0

Table 23: Summary of 1994 Hunting Effort and Success in Wildlife Management Units in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Opossum (55)

Wildlife Management Units	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Season	Estimated Total Harvest	Estimated Days Afield
Northwest Hills	725	14.55	0.11	2.63	1,903	17,402
Northeast Moraine	363	7.27	0.09	0.75	272	2,900
Mississippi Border-North	181	3.64	0.26	8.00	1,450	5,529
Mississippi Border-South	997	20.00	0.54	2.73	2,719	5,075
Western Prairie/Forest	544	10.91	0.95	3.00	1,631	1,722
Central Sand Prairie	91	1.82	0.14	1.00	91	634
Grand Prairie	1,722	34.55	0.38	2.47	4,260	11,148
Southern Plain	272	5.45	1.38	7.33	1,994	1,450
Wabash Border	91	1.82	1.00	10.00	906	906
Shawnee Hills	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 24. Percent change in harvests from 1993 to 1994 in Wildlife Management Units for selected species.

Wildlife Management Unit	Rabbit	Quail	Pheasant	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Northwest Hills	46	-72	10	-15	-21	-37	-37	1027	0	186
Northeast Moraine	-7	738	-23	-82	-25	-18	-44	0	0	25
Mississippi Border-North	-10	-15	-33	-14	47	-4	-46	-77	-88	-16
Mississippi Border-South	10	-11	-100	24	36	6	55	69	-87	1
Western Prairie Forest	-16	15	57	-23	-30	14	-35	229	-100	-57
Central Sand Prairie	69	-3	-3	-1	-35	-30	2	0	0	-74
Grand Prairie	-5	11	-7	-2	45	-22	24	17	--	25
Southern Plain	-3	11	8	-11	14	-13	144	119	--	-29
Wabash Border	-10	9	-100	30	0	-35	630	-53	--	-23
Shawnee Hills	50	424	0	58	97	-7	33	0	0	31

Table 25: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Rabbit (1563)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	40,060	28.28	0.88	5.45	218,426	247,791
Region 2	8,157	5.76	0.72	3.77	30,725	42,960
Region 3	21,661	15.29	0.73	5.00	108,216	148,185
Region 4	45,226	31.93	1.35	7.05	318,666	236,824
Region 5	26,555	18.75	1.28	7.86	208,818	163,049
Unknown	0	0.00	0.00	0.00	0	0

Table 26: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Quail (832)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	15,951	21.15	0.74	5.20	83,020	112,385
Region 2	2,266	3.00	1.10	5.08	11,510	10,423
Region 3	6,979	9.25	0.68	4.97	34,712	50,936
Region 4	31,631	41.95	1.80	11.26	356,278	197,580
Region 5	18,580	24.64	2.35	19.29	358,454	152,354
Unknown	0	0.00	0.00	0.00	0	0

Table 27: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Pheasant (990)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	37,975	21.16	0.53	3.38	128,336	244,256
Region 2	12,598	7.02	0.62	3.42	43,051	68,972
Region 3	27,009	15.05	0.53	3.07	83,020	156,795
Region 4	11,148	6.21	0.54	3.36	37,431	68,972
Region 5	997	0.56	0.50	1.73	1,722	3,444
Unknown	0	0.00	0.00	0.00	0	0

Table 28: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Dove (758)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	14,864	21.64	2.95	12.26	182,172	61,812
Region 2	4,894	7.12	3.07	14.26	69,787	22,749
Region 3	10,695	15.57	3.25	18.88	201,930	62,084
Region 4	24,290	35.36	4.80	21.35	518,602	107,944
Region 5	13,957	20.32	4.39	22.98	320,750	73,141
Unknown	0	0.00	0.00	0.00	0	0

Table 29: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Gray Partridge (9)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	725	44.44	0.01	0.13	91	6,072
Region 2	91	5.56	1.00	3.00	272	272
Region 3	0	0.00	0.00	0.00	0	0
Region 4	0	0.00	0.00	0.00	0	0
Region 5	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 30: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Woodcock (31)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	453	16.13	1.38	2.20	997	725
Region 2	181	6.45	0.50	0.50	91	181
Region 3	544	19.35	0.16	1.17	634	3,988
Region 4	725	25.81	0.20	3.13	2,266	11,329
Region 5	906	32.26	1.03	3.90	3,535	3,444
Unknown	0	0.00	0.00	0.00	0	0

Table 31: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Snipe (3)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	0	0.00	0.00	0.00	0	0
Region 2	0	0.00	0.00	0.00	0	0
Region 3	0	0.00	0.00	0.00	0	0
Region 4	91	33.33	2.00	2.00	181	91
Region 5	181	66.67	8.33	12.50	2,266	272
Unknown	0	0.00	0.00	0.00	0	0

Table 32: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Rail (0)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	0	0.00	0.00	0.00	0	0
Region 2	0	0.00	0.00	0.00	0	0
Region 3	0	0.00	0.00	0.00	0	0
Region 4	0	0.00	0.00	0.00	0	0
Region 5	0	0.00	0.00	0.00	0	0
Unknown	0	0.00	0.00	0.00	0	0

Table 33: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
 Number in parentheses represents sample size.

Crow (109)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	3,263	33.03	1.38	13.14	42,869	30,996
Region 2	1,359	13.76	3.65	12.67	17,220	4,713
Region 3	997	10.09	0.36	2.27	2,266	6,344
Region 4	2,810	28.44	1.72	7.71	21,661	12,598
Region 5	1,450	14.68	1.11	4.38	6,344	5,710
Unknown	0	0.00	0.00	0.00	0	0

Table 34: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
 Number in parentheses represents sample size.

Groundhog (108)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	2,628	26.85	0.43	4.03	10,604	24,380
Region 2	1,450	14.81	0.95	3.63	5,257	5,529
Region 3	2,266	23.15	0.32	2.64	5,982	18,761
Region 4	2,085	21.30	0.62	2.52	5,257	8,520
Region 5	1,359	13.89	1.02	3.80	5,166	5,075
Unknown	0	0.00	0.00	0.00	0	0

Table 35: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Fox Squirrel (1200)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	30,090	27.67	1.36	6.85	206,099	152,082
Region 2	2,628	2.42	1.42	5.76	15,136	10,695
Region 3	12,417	11.42	1.15	6.13	76,132	66,434
Region 4	40,966	37.67	1.47	8.62	353,197	240,993
Region 5	22,658	20.83	1.36	7.56	171,206	125,617
Unknown	0	0.00	0.00	0.00	0	0

Table 36: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Gray Squirrel (838)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	13,232	17.42	1.19	5.53	73,141	61,721
Region 2	2,085	2.74	1.18	5.43	11,329	9,607
Region 3	5,257	6.92	0.95	5.28	27,734	29,093
Region 4	30,725	40.45	1.69	9.30	285,766	169,574
Region 5	24,652	32.46	1.74	11.26	277,518	159,333
Unknown	0	0.00	0.00	0.00	0	0

Table 37: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
 Number in parentheses represents sample size.

Deer-Long gun (2005)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	46,857	25.79	0.16	0.73	34,350	220,782
Region 2	4,260	2.34	0.10	0.45	1,903	19,939
Region 3	19,305	10.62	0.15	0.69	13,232	86,917
Region 4	53,564	29.48	0.18	0.79	42,054	235,827
Region 5	47,220	25.99	0.18	0.75	35,256	192,142
Unknown	10,513	5.79	0.16	0.65	6,797	41,872

Table 38: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
 Number in parentheses represents sample size.

Deer-Handgun (133)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	2,628	21.80	0.04	0.10	272	6,888
Region 2	544	4.51	0.06	0.17	91	1,450
Region 3	0	0.00	0.00	0.00	0	0
Region 4	3,353	27.82	0.09	0.22	725	7,885
Region 5	4,985	41.35	0.07	0.16	816	11,873
Unknown	544	4.51	0.00	0.00	0	1,813

Table 39: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Deer-Archery (919)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	22,205	26.66	0.02	0.49	10,876	487,062
Region 2	8,429	10.12	0.02	0.42	3,535	162,596
Region 3	11,238	13.49	0.02	0.52	5,801	290,297
Region 4	22,477	26.99	0.02	0.44	9,970	464,494
Region 5	15,045	18.06	0.02	0.60	8,973	367,789
Unknown	3,897	4.68	0.01	0.28	1,088	90,361

Table 40: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Raccoon (251)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	6,163	27.09	1.21	12.60	77,672	63,987
Region 2	997	4.38	1.04	9.45	9,426	9,063
Region 3	3,263	14.34	1.46	16.81	54,833	37,522
Region 4	7,613	33.47	1.11	13.98	106,403	95,890
Region 5	4,713	20.72	0.96	15.44	72,778	76,041
Unknown	0	0.00	0.00	0.00	0	0

Table 41: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Red Fox (77)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	2,991	42.86	0.17	1.27	3,807	22,840
Region 2	363	5.19	0.00	0.00	0	3,897
Region 3	1,269	18.18	0.14	1.29	1,631	11,873
Region 4	1,359	19.48	0.15	1.60	2,175	14,501
Region 5	997	14.29	0.14	1.45	1,450	10,423
Unknown	0	0.00	0.00	0.00	0	0

Table 42: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Gray Fox (33)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	997	33.33	0.07	0.36	363	5,438
Region 2	272	9.09	0.00	0.00	0	2,085
Region 3	634	21.21	0.01	0.14	91	7,523
Region 4	272	9.09	0.04	0.33	91	2,447
Region 5	816	27.27	0.18	2.00	1,631	9,154
Unknown	0	0.00	0.00	0.00	0	0

Table 43: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Coyote (420)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	11,692	30.71	0.24	2.42	28,277	116,554
Region 2	2,085	5.48	0.10	0.74	1,541	15,498
Region 3	7,160	18.81	0.28	2.75	19,667	70,603
Region 4	11,148	29.29	0.17	2.43	27,099	155,617
Region 5	5,982	15.71	0.30	2.67	15,951	52,748
Unknown	0	0.00	0.00	0.00	0	0

Table 44: Summary of 1994 Hunting Effort and Success in Administrative Regions in Illinois for the Species Listed Below.
Number in parentheses represents sample size.

Opossum (55)

Administrative Region	Estimated Number of Hunters	Percent of Hunters	Average Bag Daily	Bag Season	Estimated Total Harvest	Estimated Days Afield
Region 1	1,269	25.45	0.13	2.21	2,810	21,389
Region 2	544	10.91	0.23	1.67	906	3,897
Region 3	816	16.36	0.42	3.11	2,538	5,982
Region 4	1,994	40.00	0.47	2.95	5,891	12,598
Region 5	363	7.27	1.06	8.50	3,082	2,900
Unknown	0	0.00	0.00	0.00	0	0

Table 45. Percent change in harvest from 1993 to 1994 in Administrative Regions for selected species.

Administrative Region	Rabbit	Quail	Pheasant	Fox Squirrel	Gray Squirrel	Dove	Raccoon	Red Fox	Gray Fox	Coyote
Region 1	8	-14	5	-12	-10	-11	-35	23	-53	19
Region 2	-29	66	-26	-61	-2	-44	75	-100	0	-24
Region 3	6	61	-10	6	42	3	71	238	--	115
Region 4	10	5	8	9	25	0	14	151	-88	-39
Region 5	-12	20	-59	-1	30	-30	97	50	--	-30

Table 46. Distribution of hunting effort and success among resident Illinois hunters in 1994.

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Rabbit	0	—	0	17.0
	1-5	69.1	1-5	47.7
	6-10	17.1	6-10	19.3
	11-14	3.7	11-14	4.9
	15-19	4.2	15-19	3.3
	20-24	3.1	20-24	3.4
	25+	2.8	25+	4.5
Quail	0	—	0	23.8
	1-5	61.3	1-5	37.3
	6-10	21.8	6-10	13.4
	11-14	4.2	11-14	5.0
	15-19	4.3	15-19	4.0
	20-24	4.2	20-24	3.1
	25+	4.1	25+	13.2
Pheasant	0	—	0	30.5
	1-5	64.9	1-5	51.7
	6-10	21.2	6-10	11.6
	11-14	3.5	11-14	2.7
	15-19	4.5	15-19	1.8
	20-24	3.2	20-24	0.8
	25+	2.5	25+	0.8
Dove	0	—	0	10.3
	1-5	76.0	1-5	22.7
	6-10	15.3	6-10	18.5
	11-14	2.2	11-14	5.2
	15-19	4.0	15-19	9.6
	20-24	0.8	20-24	7.1
	25+	1.7	25+	26.6
Gray Partridge	0	—	0	77.8
	1-5	55.6	1-5	22.2
	6-10	22.2	6-10	—
	11-14	—	11-14	—
	15-19	11.1	15-19	—
	20-24	11.1	20-24	—
	25+	—	25+	—
Woodcock	0	—	0	25.8
	1-5	71.0	1-5	71.0
	6-10	9.7	6-10	—
	11-14	6.5	11-14	—
	15-19	6.5	15-19	—
	20-24	—	20-24	—
	25+	6.5	25+	3.2

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Snipe	0	—	0	33.3
	1-5	100	1-5	33.3
	6-10	—	6-10	—
	11-14	—	11-14	—
	15-19	—	15-19	—
	20-24	—	20-24	—
	25+	—	25+	33.3
Rails	0	—	0	—
	1-5	—	1-5	—
	6-10	—	6-10	—
	11-14	—	11-14	—
	15-19	—	15-19	—
	20-24	—	20-24	—
	25+	—	25+	—
Crow	0	—	0	16.5
	1-5	76.1	1-5	54.1
	6-10	11.9	6-10	11.0
	11-14	4.6	11-14	4.6
	15-19	3.7	15-19	1.8
	20-24	—	20-24	5.5
	25+	3.7	25+	5.5
Woodchuck	0	—	0	13.9
	1-5	75.9	1-5	71.3
	6-10	13.9	6-10	10.2
	11-14	0.9	11-14	0.9
	15-19	1.9	15-19	0.9
	20-24	1.9	20-24	0.9
	25+	5.6	25+	1.9
Fox Squirrel	0	—	0	8.2
	1-5	69.3	1-5	48.3
	6-10	21.3	6-10	22.3
	11-14	1.9	11-14	5.2
	15-19	3.2	15-19	5.6
	20-24	1.8	20-24	4.5
	25+	2.5	25+	6.0
Gray Squirrel	0	—	0	8.8
	1-5	67.4	1-5	47.4
	6-10	22.0	6-10	19.9
	11-14	2.0	11-14	3.8
	15-19	3.9	15-19	6.0
	20-24	1.7	20-24	5.7
	25+	3.0	25+	8.4

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Deer-Long gun	0	—	0	41.9
	1-5	61.9	1-5	57.8
	6-10	38.1	6-10	0.1
	11-14	—	11-14	—
	15-19	—	15-19	—
	20-24	—	20-24	—
	25+	—	25+	—
Deer-Handgun	0	—	0	85.7
	1-5	100	1-5	14.3
	6-10	—	6-10	—
	11-14	—	11-14	—
	15-19	—	15-19	—
	20-24	—	20-24	—
	25+	—	25+	—
Deer-Archery	0	—	0	64.5
	1-5	16.0	1-5	35.5
	6-10	17.5	6-10	—
	11-14	6.7	11-14	—
	15-19	9.9	15-19	—
	20-24	12.8	20-24	—
	25+	37.0	25+	—
Raccoon	0	—	0	7.2
	1-5	50.2	1-5	42.6
	6-10	16.3	6-10	13.1
	11-14	2.8	11-14	4.4
	15-19	4.8	15-19	6.8
	20-24	5.6	20-24	4.8
	25+	20.3	25+	21.1
Red Fox	0	—	0	50.6
	1-5	54.5	1-5	44.2
	6-10	19.5	6-10	5.2
	11-14	2.6	11-14	—
	15-19	7.8	15-19	—
	20-24	6.5	20-24	—
	25+	9.1	25+	—
Gray Fox	0	—	0	75.8
	1-5	51.5	1-5	21.2
	6-10	27.3	6-10	0.0
	11-14	3.0	11-14	3.0
	15-19	9.1	15-19	—
	20-24	3.0	20-24	—
	25+	6.1	25+	—

	<u>Days Afield</u>		<u>Animals Harvested</u>	
	<u>Range</u>	<u>Percent of Hunters</u>	<u>Range</u>	<u>Percent of Hunters</u>
Coyote	0	—	0	40.2
	1-5	55.2	1-5	49.5
	6-10	19.8	6-10	4.8
	11-14	2.9	11-14	1.7
	15-19	4.0	15-19	1.0
	20-24	6.9	20-24	0.5
	25+	11.2	25+	1.9
Opossum	0	—	0	7.3
	1-5	56.4	1-5	81.8
	6-10	23.6	6-10	5.5
	11-14	3.6	11-14	1.8
	15-19	1.8	15-19	3.6
	20-24	1.8	20-24	—
	25+	12.7	25+	—

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
RABBIT						
1984	166,201	1.01	5.97	992,220	5.93	985,472
1985	167,639	1.27	7.85	1,315,970	6.16	1,033,157
1986	168,485	1.23	7.42	1,250,157	6.04	1,017,450
1987	165,173	1.31	7.35	1,214,022	5.63	929,265
1988	158,781	1.15	6.21	986,030	5.40	858,340
1989	154,390	1.19	7.13	1,101,128	5.97	921,615
1990	162,560	1.34	7.95	1,293,154	5.95	966,626
1991	161,293	1.17	7.32	1,180,618	6.25	1,007,512
1992	129,272	1.05	6.20	802,045	5.90	762,290
1993	130,374	1.13	6.72	875,688	5.96	777,425
1994	141,659	1.06	6.25	884,850	5.92	838,808
QUAIL						
1984	77,986	1.18	7.34	572,417	6.21	484,293
1985	77,494	1.54	10.23	792,764	6.65	515,076
1986	85,417	1.63	10.74	917,381	6.57	561,277
1987	86,940	1.81	11.54	1,003,286	6.39	555,195
1988	88,546	1.53	8.99	796,025	5.89	521,981
1989	83,208	1.53	9.24	768,918	6.05	503,614
1990	84,989	1.69	10.90	926,432	6.45	548,252
1991	84,281	1.64	10.99	926,411	6.70	564,866
1992	71,964	1.54	10.49	755,181	6.82	490,933
1993	67,791	1.68	11.26	763,057	6.70	454,092
1994	75,407	1.61	11.19	843,974	6.94	523,677
PHEASANT						
1984	92,548	0.39	2.26	209,158	5.77	534,167
1985	92,289	0.45	2.66	245,488	5.85	540,252
1986	95,642	0.53	2.97	284,057	5.59	534,731
1987	106,641	0.61	3.47	370,045	5.73	611,121
1988	99,168	0.64	3.45	342,130	5.41	536,514
1989	97,908	0.60	3.45	338,267	5.72	560,096
1990	97,761	0.61	3.81	372,920	6.22	608,261
1991	94,845	0.64	4.13	391,419	6.50	616,661
1992	78,985	0.59	3.32	262,229	5.67	447,580
1993	83,123	0.60	3.66	304,239	6.09	505,972
1994	89,727	0.54	3.27	293,560	6.05	542,439

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
DOVE						
1984	69,992	3.20	16.71	1,168,403	5.21	364,473
1985	66,100	3.57	17.59	1,162,692	4.92	325,608
1986	69,731	3.81	19.95	1,391,133	5.24	365,167
1987	74,039	4.08	19.57	1,448,937	4.80	355,132
1988	74,708	4.34	22.82	1,704,840	5.26	392,968
1989	80,625	4.56	24.35	1,963,500	5.34	430,384
1990	79,449	3.70	19.69	1,564,275	5.32	422,975
1991	84,054	3.83	18.08	1,519,787	4.71	396,303
1992	73,631	3.86	20.48	1,507,817	5.30	390,272
1993	71,455	4.28	20.99	1,499,884	4.91	350,719
1994	68,700	3.95	18.82	1,293,242	4.77	327,729
GRAY PARTRIDGE						
1984	2,527	0.05	0.48	1,213	9.50	24,006
1985	2,506	0.53	2.76	6,915	5.17	12,948
1986	3,239	0.47	3.00	9,717	6.33	20,513
1987	2,161	0.11	0.64	1,383	5.82	12,583
1988	3,005	0.15	0.77	2,314	5.12	15,374
1989	2,673	0.19	0.97	2,583	5.03	13,452
1990	2,348	0.09	0.60	1,409	6.88	16,153
1991	2,612	0.08	0.65	1,704	8.57	22,377
1992	1,492	0.08	0.47	702	5.65	8,425
1993	1,157	0.09	1.25	1,446	13.67	15,815
1994	816	0.06	0.44	363	7.78	6,344
WOODCOCK						
1984	6,378	0.52	2.25	16,265	4.34	27,678
1985	6,204	0.32	1.69	10,485	5.20	32,273
1986	5,906	0.60	2.61	15,514	4.32	25,530
1987	7,181	0.68	2.96	21,257	4.37	31,395
1988	5,591	0.44	1.84	10,287	4.16	23,272
1989	7,394	0.46	2.00	14,789	4.31	31,894
1990	6,104	0.33	1.85	11,269	5.68	34,653
1991	7,724	0.39	1.75	13,517	4.54	35,098
1992	5,266	0.47	1.98	10,444	4.20	22,116
1993	4,532	0.47	1.77	8,004	3.77	17,068
1994	2,810	0.38	2.68	7,523	7.00	19,667

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
COMMON SNIPE						
1984	1,203	0.94	4.15	4,994	4.40	5,293
1985	1,312	0.52	2.00	2,625	3.82	5,009
1986	1,207	1.09	3.84	4,633	3.53	4,255
1987	953	0.48	2.13	2,031	4.40	4,194
1988	1,747	0.96	2.96	5,172	3.08	5,381
1989	1,247	0.67	1.14	1,425	1.71	2,138
1990	1,596	0.37	1.47	2,348	4.00	6,386
1991	1,022	0.26	1.00	1,022	3.89	3,976
1992	878	0.44	1.70	1,492	3.90	3,423
1993	1,350	0.54	2.14	2,893	4.00	5,400
1994	272	6.75	9.00	2,447	1.33	363
RAIL						
1984	180	1.09	4.33	782	4.00	720
1985	477	1.86	0.88	420	4.75	2,266
1986	254	0.08	0.25	64	3.25	826
1987	254	0.25	2.50	636	10.00	2,542
1988	140	0.50	0.50	70	1.00	140
1989	356	0.00	0.00	0	13.01	4,632
1990	376	0.55	2.75	1,033	5.00	1,878
1991	341	0.25	1.00	341	4.00	1,363
1992	351	0.48	2.50	878	5.25	1,843
1993	579	0.06	0.17	96	3.00	1,736
1994	0	0.00	0.00	0	0.00	0
CROW						
1984	11,192	2.11	8.18	91,554	3.87	43,324
1985	11,514	1.53	6.20	71,385	4.05	46,652
1986	10,098	1.47	6.36	64,221	4.43	43,820
1987	11,376	2.26	8.08	91,917	3.57	40,610
1988	10,552	2.60	11.42	120,514	4.40	46,429
1989	9,800	1.52	7.10	69,578	4.66	45,702
1990	12,490	1.50	6.69	83,581	4.47	55,877
1991	11,472	2.14	7.55	86,666	3.52	40,437
1992	11,233	1.84	9.21	103,470	5.00	56,167
1993	8,775	2.30	9.09	79,748	3.95	34,619
1994	9,879	1.50	9.15	90,361	6.11	60,362

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
WOODCHUCK						
1984	17,390	0.84	4.31	74,952	5.14	89,477
1985	15,093	0.76	4.64	70,032	6.07	91,632
1986	13,146	0.61	3.54	46,537	5.79	76,145
1987	11,884	0.69	3.71	44,091	5.38	63,934
1988	12,649	0.75	3.81	48,194	5.10	64,510
1989	12,027	0.74	5.38	64,678	7.27	87,484
1990	11,363	0.43	4.26	48,364	9.97	113,257
1991	11,699	0.59	3.71	43,390	6.26	73,263
1992	11,409	0.48	3.41	38,878	7.04	80,301
1993	7,039	0.80	3.96	27,868	4.97	35,004
1994	9,788	0.52	3.30	32,265	6.36	62,265
FOX SQUIRREL						
1984	128,592	1.46	8.80	1,131,611	5.96	766,558
1985	119,910	1.38	9.40	1,127,153	6.79	814,195
1986	120,791	1.34	0.04	1,091,949	6.69	808,511
1987	118,716	1.51	8.82	1,047,076	5.84	693,231
1988	121,182	1.57	10.20	1,236,060	6.49	786,844
1989	122,318	1.65	9.33	1,141,306	5.64	689,452
1990	116,731	1.55	9.23	1,076,971	5.97	696,726
1991	127,558	1.42	8.29	1,057,717	5.84	745,355
1992	113,211	1.60	8.65	979,585	5.41	612,394
1993	104,627	1.39	8.04	841,551	5.77	603,560
1994	108,760	1.38	7.56	821,769	5.48	595,821
GRAY SQUIRREL						
1984	78,286	1.39	8.00	626,293	5.76	451,002
1985	69,261	1.09	7.92	548,550	7.27	503,320
1986	75,701	1.24	8.36	632,857	6.76	511,678
1987	74,928	1.41	7.76	581,445	5.49	411,121
1988	75,407	1.41	9.46	713,350	6.72	506,735
1989	75,457	1.73	9.02	680,365	5.22	393,591
1990	72,969	1.46	8.79	641,130	6.01	438,564
1991	84,622	1.47	7.55	638,697	5.12	433,560
1992	75,738	1.49	8.08	611,604	5.42	410,545
1993	71,552	1.38	7.75	554,670	5.63	403,177
1994	75,950	1.57	8.89	675,488	5.65	429,329

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
DEER (Shotgun & Muzzleloading rifles)						
1984	101,333	0.14	0.52	52,693	3.65	369,769
1985	100,760	0.13	0.52	52,395	3.92	395,285
1986	105,486	0.15	0.52	54,852	3.53	372,343
1987	112,424	0.17	0.57	64,082	3.34	375,913
1988	128,800	0.19	0.56	72,128	2.88	370,944
1989	128,108	0.18	0.62	79,645	3.41	437,333
1990	143,214	0.20	0.65	92,878	3.32	475,659
1991	166,972	0.18	0.71	118,357	4.01	669,252
1992	166,658	0.18	0.76	127,341	4.28	712,793
1993	168,754	0.17	0.75	127,192	4.32	728,727
1994	181,719	0.17	0.74	133,593	4.39	797,480
DEER (Handgun)						
1991	6,702	0.14	0.31	2,045	2.25	15,107
1992	12,199	0.09	0.24	2,896	2.74	33,437
1993	12,922	0.08	0.27	3,472	3.43	44,358
1994	12,054	0.06	0.16	1,903	2.48	29,909
DEER (Archery)						
1984	50,847	0.01	0.16	8,136	17.07	868,130
1985	47,725	0.02	0.27	12,826	16.75	799,453
1986	50,869	0.01	0.21	10,683	17.60	895,325
1987	53,956	0.01	0.24	12,949	17.46	942,166
1988	63,107	0.02	0.27	17,039	17.50	1,104,407
1989	61,203	0.02	0.29	17,996	19.05	1,165,716
1990	70,339	0.02	0.31	21,787	19.48	1,369,974
1991	74,058	0.02	0.40	29,419	21.13	1,564,995
1992	82,495	0.02	0.45	37,298	22.32	1,841,395
1993	82,834	0.02	0.47	39,054	22.22	1,840,381
1994	83,292	0.02	0.48	40,241	22.36	1,862,599

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
RACCOON						
1984	40,678	0.91	10.06	409,218	11.00	447,277
1985	33,348	0.94	9.98	332,814	10.65	355,076
1986	35,755	0.99	11.30	404,027	11.41	408,098
1987	35,081	1.10	11.26	395,012	10.21	358,055
1988	26,207	1.01	10.54	276,225	10.43	273,254
1989	22,539	0.96	10.68	240,805	11.18	251,941
1990	20,379	0.98	9.37	191,015	9.54	194,490
1991	21,695	1.20	17.95	389,488	14.97	324,744
1992	19,483	1.25	19.95	388,692	15.95	310,848
1993	18,129	1.36	15.84	287,171	11.68	211,762
1994	22,749	1.14	14.12	321,113	12.42	282,503
RED FOX						
1984	17,571	0.15	1.24	21,788	8.10	142,313
1985	14,795	0.18	1.11	16,422	6.26	92,648
1986	15,432	0.17	1.15	17,747	6.65	102,628
1987	14,363	0.22	1.50	21,544	6.90	99,142
1988	9,994	0.19	0.95	9,494	5.11	51,069
1989	8,463	0.18	1.23	10,423	6.87	58,174
1990	8,734	0.27	2.47	21,600	9.04	78,979
1991	6,815	0.14	1.27	8,633	8.83	60,201
1992	7,109	0.14	1.70	12,111	12.57	89,340
1993	4,436	0.13	1.24	5,497	9.50	42,140
1994	6,979	0.14	1.30	9,063	9.10	63,534
GRAY FOX						
1984	7,221	0.09	0.67	4,838	7.14	51,570
1985	6,502	0.11	0.74	4,812	6.51	42,352
1986	5,144	0.14	0.86	4,424	6.19	31,817
1987	4,766	0.08	0.57	2,717	7.09	33,810
1988	3,684	0.39	2.31	8,395	5.92	21,513
1989	2,138	0.14	0.79	1,693	5.58	11,938
1990	2,348	0.25	2.52	5,916	10.08	23,666
1991	3,408	0.08	0.77	2,612	9.97	33,962
1992	2,721	0.05	0.52	1,404	11.23	30,541
1993	1,446	0.13	1.13	1,639	8.87	12,825
1994	2,991	0.08	0.73	2,175	8.91	26,646

Table 47. Statewide data from resident Illinois hunters, 1984-94.

Species and Seasons	Estimated Total Hunters	Average Daily Bag	Average Season Bag	Estimated Total Harvest	Average Days Afield	Estimated Total Days Afield
COYOTE						
1984	31,952	0.23	1.87	59,751	8.21	262,476
1985	30,604	0.22	1.60	48,966	7.30	223,534
1986	53,024	0.21	1.81	59,773	8.81	290,800
1987	34,636	0.35	3.07	106,333	8.73	302,383
1988	32,217	0.27	2.27	73,134	8.52	274,489
1989	34,655	0.26	2.36	81,961	9.07	314,391
1990	34,277	0.32	2.78	95,226	8.58	294,129
1991	35,439	0.28	2.69	95,299	9.52	337,352
1992	33,349	0.23	2.84	94,606	12.48	416,161
1993	33,751	0.23	3.03	102,120	13.17	444,449
1994	38,066	0.23	2.43	92,536	10.80	411,021
OPOSSUM						
1984	14,201	0.53	5.53	78,532	10.35	147,004
1985	9,963	0.41	3.75	37,360	9.09	90,562
1986	11,622	0.70	5.90	68,569	8.48	98,563
1987	11,948	0.67	5.16	61,651	7.76	92,660
1988	7,827	0.60	4.97	38,901	8.25	64,573
1989	5,523	0.56	4.31	23,786	7.71	42,584
1990	6,010	0.65	3.27	19,627	5.05	30,333
1991	5,679	0.47	4.28	24,308	9.08	51,568
1992	5,617	0.52	3.42	19,220	6.56	36,860
1993	4,822	0.63	3.38	16,297	5.38	25,940
1994	4,985	0.33	3.05	15,226	9.38	46,767

Table 48. Percent Change in Statewide Harvest.

Species	1984 Estimated Harvest	% Change 1 Year*	% Change 5 Years*	% Change 10 Years*
Rabbit	884,850	1	-20	-11
Quail	843,974	11	10	47
Pheasant	293,560	-4	-13	40
Dove	1,293,242	-14	-34	11
Gray Partridge	363	-75	-86	-70
Woodcock	7,523	-6	-49	-54
Common Snipe	2,447	-15	72	-51
Rail	0	-100	0	-100
Crow	90,361	13	30	-1
Groundhog	32,265	16	-50	-57
Fox Squirrel	821,769	-2	-28	-27
Gray Squirrel	675,488	22	-1	8
Deer-Long gun**	133,593	5	68	154
Deer-Handgun	1,903	-45	--	--
Deer-Archery	40,241	3	124	395
Raccoon	321,113	12	33	-22
Red Fox	9,063	65	-13	-58
Gray Fox	2,175	33	28	-55
Coyote	92,536	-9	13	55
Opossum	15,226	-7	-36	-81

* From 1993, 1989, and 1984, respectively; see also Table 47.

** Shotgun with slug or muzzleloading rifle.

Table 49. The percentage of resident hunting (including Sportsmen's and senior citizens) license holders who purchased a habitat stamp, and the percentage of habitat stamp holders who purchased a hunting license, in Illinois in 1994. Sample sizes are in parentheses.

License or Stamp Holder	Percentage of Holders
Hunting license holders who purchased a habitat stamp	89.2 (2,240)
Habitat stamp holders who purchased a hunting license	95.7 (1,300)

Table 50. Number of game species groups pursued by hunters in Illinois in 1994-95 (n=3,233). For purposes of this table, there were 11 species groups: rabbits, quail, pheasants, doves, partridge, woodcock, crows, groundhog, squirrels, deer and furbearers.

Number of Game Species Groups	Percentage of Hunters
1	31.0
2	22.6
3	18.5
4	12.9
5	8.7
6	4.2
7	1.2
8	0.6
9	0.2
10	0.1
11	0.0

Table 51. Distribution of hunters by type (size) of community in which they resided in each administrative region in Illinois in 1994-95. Sample sizes are in parentheses.

Type (size) of Community	Administrative Regions					State- wide
	1	2	3	4	5	
Rural (country, farm, town <500 residents)	(862) 34.9%	(394) 10.9%	(460) 36.5%	(973) 37.7%	(540) 49.3%	(3,233) 35.5%
Small town (500-20,000 residents)	47.2	36.6	43.7	51.6	49.6	47.5
Urban (20,000-100,000 residents)	11.7	32.7	18.9	9.2	0.9	12.7
Metropolitan (>100,000 residents)	6.1	16.8	0.9	1.5	0.2	4.3

Table 52. Types of areas that were hunted by rural, small town, urban, and metropolitan residents in Illinois in 1994-95. Sample sizes are in parentheses.

Species and Type of Area	Community of Residence				All Hunters
	Rural	Small Town	Urban	Metro- politan	
Rabbit	(583)	(779)	(172)	(62)	(1,596)
Private ^a	93%	89%	81%	79%	89%
Public ^b	3	6	13	15	6
Both ^c	4	5	6	6	5
Quail	(337)	(396)	(101)	(40)	(874)
Private	93	90	87	78	90
Public	4	6	7	10	5
Both	3	4	6	12	5
Pheasants	(323)	(497)	(187)	(72)	(1,079)
Private	87	83	74	68	81
Public	9	11	17	18	12
Both	4	6	9	14	7
Doves	(279)	(380)	(94)	(28)	(781)
Private	81	78	64	61	77
Public	13	14	24	25	15
Both	6	8	12	14	8
Squirrels	(504)	(647)	(141)	(33)	(1,325)
Private	90	88	80	76	87
Public	5	7	11	18	7
Both	5	5	9	6	6
Deer	(875)	(1,061)	(274)	(84)	(2,294)
Private	92	89	80	70	88
Public	4	7	13	23	7
Both	4	4	7	7	5
Turkeys	(181)	(164)	(48)	(18)	(411)
Private	82	82	65	72	80
Public	13	14	23	22	15
Both	5	4	12	6	5
Ducks	(124)	(199)	(54)	(19)	(396)
Private	53	57	48	53	55
Public	35	31	43	42	34
Both	12	12	9	5	11

Table 52 - continued.

Table 52. Continued page 2.

Geese	(134)	(200)	(54)	(17)	(405)
Private	62	64	52	65	61
Public	23	23	41	29	26
Both	15	13	7	6	13
Raccoon & Opossum	(146)	(104)	(22)	(8)	(280)
Private	91	86	91	--- ^d	89
Public	3	8	5	--	6
Both	6	6	4	--	5
Coyotes & Foxes	(239)	(201)	(34)	(5)	(479)
Private	92	91	94	--	92
Public	4	4	3	--	4
Both	4	5	3	--	4
All Species	(1,148)	(1,534)	(412)	(139)	(3,233)
Private	88	85	76	71	84
Public	7	9	16	20	10
Both	5	6	8	9	6

^aMostly private areas.

^bMostly public areas.

^cSplit time evenly between private and public areas.

^dSample size was too small to calculate percentages.

Table 53. Types of areas that were hunted (all species combined) by rural, small town, urban, and metropolitan residents in each administrative region in Illinois in 1994-95. Sample sizes are in parentheses.

Type of Residence and Type of Area Hunted	Administrative Regions					State- wide
	1	2	3	4	5	
Rural	(301)	(43)	(168)	(367)	(266)	(1,148)
Private ^a	91%	84%	87%	88%	83%	88%
Public ^b	7	6	8	7	8	7
Both ^c	2	10	5	5	9	5
Small Town	(407)	(156)	(201)	(502)	(268)	(1,534)
Private	88	75	82	87	81	85
Public	8	13	11	9	11	9
Both	4	12	7	4	8	6
Urban	(101)	(129)	(87)	(90)	(5)	(412)
Private	86	70	72	75	--- ^d	76
Public	12	21	15	17	---	16
Both	2	9	13	8	---	8
Metropolitan	(53)	(66)	(4)	(14)	(1)	(139)
Private	92	54	---	67	---	71
Public	5	31	---	19	---	20
Both	3	15	---	14	---	9
All	(862)	(394)	(460)	(973)	(540)	(3,233)
Private	89	71	82	86	82	84
Public	8	18	11	9	10	10
Both	3	11	7	5	8	6

^aMostly private areas.

^bMostly public areas.

^cSplit time evenly between private and public areas.

^dSample size was too small to calculate percentages.

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